



006001-000962.JHA.300050 WEMMH/SB/08A (4/03)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 3

Complete if Known

Application Number	10/633,439
Filing Date	August 1, 2003
First Named Inventor	Donald J. Frasier et al.
Group Art Unit	1725
Examiner Name	
Attorney Docket Number	6001-962

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
[initials]		US-833,150	10-16-1906	Attenhoper	
		US-1,983,580	12-11-1934	Nock, Jr.	
		US-3,099,053	07-30-1963	Eliot	
		US-3,530,927	09-29-1970	Lejeune	
		US-3,532,154	10-06-1970	Balevski et al.	
		US-3,608,621	09-28-1971	Bollig et al.	
		US-3,763,926	10-09-1973	Tschinkel et al.	
		US-3,788,382	01-29-1974	Daniel et al.	
		US-4,061,176	12-06-1977	Carbonnel	
		US-4,066,117	01-23-1978	Clark et al.	
		US-4,114,675	09-19-1978	Buhrer	
		US-4,121,651	10-24-1978	Zeppellini	
		US-4,179,045	12-18-1979	Colombani	
		US-4,385,751	05-31-1983	Saether et al.	
		US-4,479,594	10-30-1984	Alland	
		US-4,590,988	05-27-1986	Fukuoka et al.	
		US-4,615,376	10-07-1986	Mori et al.	
		US-4,668,288	05-26-1987	Ouchi et al.	
		US-4,714,104	12-22-1987	Ouchi et al.	
		US-4,909,422	03-20-1990	Muller	
		US-5,048,591	09-17-1991	Oti et al.	
		US-5,111,870	05-12-1992	Cook	
		US-5,190,674	03-02-1993	Monks	
		US-5,244,031	09-14-1993	Cook et al.	

Examiner
SignatureDate
Considered

2/18/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

"Express Mail" label number EV 432598949 US

Date of Deposit August 27, 2004

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed to the Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

Signature of person mailing paper or fee

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449/APTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 2 of 3

Complete if Known

Application Number	10/633,439
Filing Date	August 1, 2003
First Named Inventor	Donald J. Frasier et al.
Group Art Unit	1725
Examiner Name	
Attorney Docket Number	6001-962

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
J		US-5,291,937	03-08-1994	Corderman et al.	
		US-5,295,530	03-22-1994	O'Connor	
		US-5,309,976	05-10-1994	Prichard et al.	
		US-5,335,711	08-09-1994	Paine	
		US-5,346,184	09-13-1994	Ghosh	
		US-5,404,930	04-11-1995	Stanton et al.	
		US-5,484,008	01-16-1996	Thompson	
		US-5,509,458	04-23-1996	Onuma et al.	
		US-5,515,906	05-14-1996	Thomson et al.	
		US-5,551,502	09-03-1996	Matsubayashi et al.	
		US-5,592,984	01-14-1997	Schmiedeknecht et al.	
		US-5,744,050	04-28-1998	Shaw	
		US-5,860,468	01-19-1999	Cook	
		US-5,894,880	04-20-1999	Hohenbichler	
		US-5,913,358	06-22-1999	Chadwick	
		US-5,988,257	11-23-1999	Hugo	
		US-6,103,182	08-15-2000	Campbell	

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	r ⁴
		Country Code ³ -Number ² -Kind Code ² (if known)				

Examiner
Signature

J. Frasier

Date
Considered

2/18/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

(use as many sheets as necessary)

Sheet 3 of 3

Complete if Known

Application Number | 10/633,439

Filing Date	August 1, 2003
-------------	----------------

First Named Inventor	Donald J. Frasier et al.
-----------------------------	---------------------------------

Group Art Unit	1725
----------------	------

Examiner Name

Attorney Docket Number	6001-962
------------------------	----------

**Examiner
Signature**

Lento

Date
Considered

2/18/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**



006001-000962 JHA.300762 WEMMH/SB/08A (4/03)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449/APTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number	10/633,439
Filing Date	August 1, 2003
First Named Inventor	Donald J. Frasier et al.
Group Art Unit	1725
Examiner Name	
Attorney Docket Number	6001-962

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
✓		US-1,956,524	04-24-1934	Byram	
		US-2,985,929	05-30-1961	Carter	
		US-3,532,155	10-06-1970	Kane et al.	
		US-3,841,384	10-15-1974	Tingquist et al.	
		US-3,861,457	01-21-1975	BI Py	
		US-3,888,300	06-10-1975	Guichard et al.	
		US-4,200,138	04-29-1980	Hildebrandt	
		US-4,469,161	09-04-1984	Higgenbotham et al.	
		US-4,813,470	03-21-1989	Chiang	
		US-5,062,468	11-05-1991	Monte et al.	
✓		US-5,062,469	11-05-1991	Monte et al.	
		US-5,607,007	03-04-1997	Chandley	

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
✓		EP 0100272	07-13-1983			

Examiner
SignatureDate
Considered

2/18/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

<i>Complete if Known</i>	
Application Number	10/633,439
Filing Date	August 1, 2003
First Named Inventor	Donald J. Frasier et al.
Group Art Unit	1725
Examiner Name	
Attorney Docket Number	6001-962

Examiner Signature	<i>Lerick</i>	Date Considered	2/18/05
-----------------------	---------------	--------------------	---------

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**